



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 2

290 BROADWAY

NEW YORK, NY 10007-1866

JUL 19 2016

**CERTIFIED MAIL-RETURN RECEIPT REQUESTED**

**Article Number: 7015 3010 0000 7503 8495**

Mr. Douglas Morgan, Superintendent  
Department of Public Works  
Borough of Haledon  
510 Belmont Avenue  
Haledon, New Jersey 07508

Re: **Request for Information ("RFI") Pursuant to Section 308 of the Clean Water Act**  
**Docket No. CWA-IR-16-021**  
**Sanitary Sewer System Compliance Evaluation Inspection**  
**Borough of Haledon Sanitary Sewer System**  
**NJPDES Tracking ID No. NJP000145**

Dear Mr. Morgan:

As part of a joint effort between the United States Environmental Protection Agency ("EPA") and the New Jersey Department of Environmental Protection ("NJDEP") to ensure that the discharge of sanitary sewage is minimized, we conducted a Sanitary Sewer System ("SSS") Compliance Evaluation Inspection ("CEI") of the Borough of Haledon system on June 29, 2016. Enclosed is a copy of the CEI report detailing EPA's findings.

The EPA is charged with the protection of human health and the environment under the Clean Water Act ("CWA" or "Act"), 33 U.S.C. §§ 1251 *et seq.* Section 308(a) of the CWA, 33 U.S.C. § 1318(a), provides that whenever it is necessary to carry out the objectives of the CWA, including determining whether or not a person/agency is in violation of Section 301 of the CWA, 33 U.S.C. § 1311, the EPA shall require the submission of any information reasonably necessary to make such a determination. Under the authority of Section 308 of the CWA, EPA may require the submission of information necessary to assess the compliance status of any facility and its related appurtenances.

Within **thirty (30) calendar days** of receipt of this RFI, the Borough is hereby required, pursuant to Section 308(a) of the Clean Water Act, 33 U.S.C. § 1318(a), to submit to EPA a detailed written summary of the steps the Borough has taken or will take to address each of the **Potential N.J.A.C. Non-Compliance** and **Areas of Concern/Recommendations** detailed in the enclosed CEI Report.

All information required to be submitted by this Request for Information shall be sent by certified mail or its equivalent to the following address:

Douglas McKenna, Chief  
Water Compliance Branch  
Division of Enforcement and Compliance Assistance  
U.S. Environmental Protection Agency – Region 2  
290 Broadway, 20<sup>th</sup> Floor  
New York, NY 10007-1866

Any documents to be submitted by the Borough must be sent by certified mail or its equivalent and shall be signed by an authorized representative of the respective entity (see 40 C.F.R. § 122.22), and shall include the following certification:

“I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitted false information, including the possibility of fine and imprisonment for knowing violations.”

Failure to provide the required information may subject the Borough to civil/criminal penalties pursuant to Section 309 of the CWA. Failure to comply with the RFI shall also subject the facility to ineligibility for participation in work associated with Federal contracts, grants or loans.

Additionally, further guidance and information concerning the control of Sanitary Sewer Overflows (“SSOs”) may be found by accessing the following EPA web site: <https://www.epa.gov/npdes/sanitary-sewer-overflows-ssos>.

If you have any questions, please feel free to contact Ms. Kimberly McEathron, of my staff, at (212) 637-4228 or via email at [mceathron.kimberly@epa.gov](mailto:mceathron.kimberly@epa.gov).

Sincerely yours,



Douglas McKenna, Chief  
Water Compliance Branch

w/enclosures

cc: Marcedius Jameson, NJDEP  
Domenick Stampone, Mayor, Borough of Haledon  
Allen Del Vecchio, Contracted Licensed Operator ([chief970@aol.com](mailto:chief970@aol.com))  
Melissa Hornsby, NJDEP ([Melissa.Hornsby@dep.nj.gov](mailto:Melissa.Hornsby@dep.nj.gov))  
Rich Paull, NJDEP ([Rich.Paull@dep.nj.gov](mailto:Rich.Paull@dep.nj.gov))  
Theophilus Ashie, NJDEP ([Theophilus.Ashie@dep.nj.gov](mailto:Theophilus.Ashie@dep.nj.gov))  
Bridget McKenna, PVSC ([BMcKenna@PVSC.com](mailto:BMcKenna@PVSC.com))

# Water Compliance Inspection Report

## Section A: National Data System Coding (i.e., PCS)

[illegible]

## Section B: Facility Data

Name and Location of Facility Inspected (For industrial users discharging to POTW, also include POTW name and NPDES permit number)  Borough of Haledon 510 Belmont Avenue Haledon, New Jersey 07508	Entry Time/Date  9:00 AM / 06/29/2016	Permit Effective Date
	Exit Time/Date  11:30 AM / 06/29/2016	Permit Expiration Date
Name(s) of On-Site Representative(s)/Title(s)/Phone and Fax Number(s)  Douglas Morgan, Superintendent, Department of Public Works Borough of Haledon 510 Belmont Avenue, Haledon, New Jersey 07508 Phone: 973-595-7766 ext 108	Other Facility Data (e.g., SIC NAICS, and other descriptive information)	
Name, Address of Responsible Official/Title/Phone and Fax Number  Douglas Morgan, Superintendent, Department of Public Works Borough of Haledon 510 Belmont Avenue, Haledon, New Jersey 07508 Phone: 973-595-7766 ext 108		



## Section C: Areas Evaluated During Inspection (Check only those areas evaluated)

<input type="checkbox"/>	Permit	<input type="checkbox"/>	Self-Monitoring Program	<input type="checkbox"/>	Pretreatment	<input type="checkbox"/>	MS4
<input type="checkbox"/>	<b>Records/Reports</b>	<input type="checkbox"/>	Compliance Schedules	<input type="checkbox"/>	Pollution Prevention		
<input checked="" type="checkbox"/>	Facility Site Review	<input type="checkbox"/>	Laboratory	<input type="checkbox"/>	Storm Water		
<input type="checkbox"/>	Effluent/Receiving Waters	<input checked="" type="checkbox"/>	Operations & Maintenance	<input type="checkbox"/>	Combined Sewer Overflow		
<input type="checkbox"/>	Flow Measurement	<input type="checkbox"/>	Sludge Handling/Disposal	<input checked="" type="checkbox"/>	Sanitary Sewer Overflow		

## Section D: Summary of Findings/Comments

*(Attach additional sheets of narrative and checklists, including Single Event Violation codes, as necessary)*

SEV Codes	SEV Description
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	
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<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	

Name(s) and Signature(s) of Inspector(s)	Agency/Office/Phone and Fax Numbers	Date
	USEPA/DECA-WCB/212-637-4228	7/14/2016
Signature of Management Q A Reviewer	Agency/Office/Phone and Fax Numbers	Date
	USEPA/DECA-WCB/212-637-3950	7/18/16



## INSTRUCTIONS

### Section A: National Data System Coding (i.e., PCS)

**Column 1: Transaction Code:** Use N, C, or D for New, Change, or Delete. All inspections will be *new* unless there is an error in the data entered.

**Columns 3-11: NPDES Permit No.** Enter the facility's NPDES permit number - third character in permit number indicates permit type for U=unpermitted, G=general permit, etc.. (Use the Remarks columns to record the State permit number, if necessary.)

**Columns 12-17: Inspection Date.** Insert the date entry was made into the facility. Use the year/month/day format (e.g., 04/10/01 = October 01, 2004).

**Column 18: Inspection Type\*.** Use one of the codes listed below to describe the type of inspection:

A Performance Audit	U IU Inspection with Pretreatment Audit	! Pretreatment Compliance (Oversight)
B Compliance Biomonitoring	X Toxics Inspection	@ Follow-up (enforcement)
C Compliance Evaluation (non-sampling)	Z Sludge - Biosolids	{ Storm Water-Construction-Sampling
D Diagnostic	# Combined Sewer Overflow-Sampling	} Storm Water-Construction-Non-Sampling
F Pretreatment (Follow-up)	\$ Combined Sewer Overflow-Non-Sampling	: Storm Water-Non-Construction-Sampling
G Pretreatment (Audit)	+ Sanitary Sewer Overflow-Sampling	~ Storm Water-Non-Construction-Non-Sampling
I Industrial User (IU) Inspection	& Sanitary Sewer Overflow-Non-Sampling	< Storm Water-MS4-Sampling
J Complaints	\ CAFO-Sampling	- Storm Water-MS4-Non-Sampling
M Multimedia	= CAFO-Non-Sampling	> Storm Water-MS4-Audit
N Spill	2 IU Sampling Inspection	
O Compliance Evaluation (Oversight)	3 IU Non-Sampling Inspection	
P Pretreatment Compliance Inspection	4 IU Toxics Inspection	
R Reconnaissance	5 IU Sampling Inspection with Pretreatment	
S Compliance Sampling	6 IU Non-Sampling Inspection with Pretreatment	
	7 IU Toxics with Pretreatment	

**Column 19: Inspector Code.** Use one of the codes listed below to describe the *lead agency* in the inspection.

A — State (Contractor)	O — Other Inspectors, Federal/EPA (Specify in Remarks columns)
B ---- EPA (Contractor)	P — Other Inspectors, State (Specify in Remarks columns)
E — Corps of Engineers	R — EPA Regional Inspector
J — Joint EPA/State Inspectors—EPA Lead	S — State Inspector
L ---- Local Health Department (State)	T — Joint State/EPA Inspectors—State lead
N — NEIC Inspectors	

**Column 20: Facility Type.** Use one of the codes below to describe the facility.

- 1 — Municipal. Publicly Owned Treatment Works (POTWs) with 1987 Standard Industrial Code (SIC) 4952.
- 2 — Industrial. Other than municipal, agricultural, and Federal facilities.
- 3 — Agricultural. Facilities classified with 1987 SIC 0111 to 0971.
- 4 — Federal. Facilities identified as Federal by the EPA Regional Office.
- 5 — Oil & Gas. Facilities classified with 1987 SIC 1311 to 1389.

**Columns 21-66: Remarks.** These columns are reserved for remarks at the discretion of the Region.

**Columns 67-69: Inspection Work Days.** Estimate the total work effort (to the nearest 0.1 work day), up to 99.9 days, that were used to complete the inspection and submit a QA reviewed report of findings. This estimate includes the accumulative effort of all participating inspectors; any effort for laboratory analyses, testing, and remote sensing; and the billed payroll time for travel and pre and post inspection preparation. This estimate does not require detailed documentation.

**Column 70: Facility Evaluation Rating.** Use information gathered during the inspection (regardless of inspection type) to evaluate the quality of the facility self-monitoring program. Grade the program using a scale of 1 to 5 with a score of 5 being used for very reliable self-monitoring programs, 3 being satisfactory, and 1 being used for very unreliable programs.

**Column 71: Biomonitoring Information.** Enter D for static testing. Enter F for flow through testing. Enter N for no biomonitoring.

**Column 72: Quality Assurance Data Inspection.** Enter Q if the inspection was conducted as followup on quality assurance sample results. Enter N otherwise.

**Columns 73-80:** These columns are reserved for regionally defined information.

### Section B: Facility Data

This section is self-explanatory except for "Other Facility Data," which may include new information not in the permit or PCS (e.g., new *outfalls*, names of receiving waters, new ownership, other updates to the record, SIC/NAICS Codes, Latitude/Longitude).

### Section C: Areas Evaluated During Inspection

Check only those areas evaluated by marking the appropriate box. Use Section D and additional sheets as necessary. Support the findings, as necessary, in a brief narrative report. Use the headings given on the report form (e.g., Permit, Records/Reports) when discussing the areas evaluated during the inspection.

### Section D: Summary of Findings/Comments

Briefly summarize the inspection findings. This summary should abstract the pertinent inspection findings, not replace the narrative report. Reference a list of attachments, such as completed checklists taken from the NPDES Compliance Inspection Manuals and pretreatment guidance documents, including effluent data when sampling has been done. Use extra sheets as necessary.

\*Footnote: In addition to the inspection types listed above under column 18, a state may continue to use the following wet weather and CAFO inspection types until the state is brought into ICIS-NPDES: K: CAFO, V: SSO, Y: CSO, W: Storm Water 9: MS4. States may also use the new wet weather, CAFO and MS4 inspections types shown in column 18 of this form. The EPA regions are required to use the new wet weather, CAFO, and MS4 inspection types for inspections with an inspection date (DTIN) on or after July 1, 2005.

**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY**  
**REGION 2, DECA-WCB**  
**20<sup>th</sup> Floor, 290 Broadway, NY, NY 10007**

**SANITARY SEWER SYSTEM**  
**COMPLIANCE EVALUATION INSPECTION REPORT**

<b>Compliance Evaluation Inspection:</b> Borough of Haledon SSS	
<b>Inspection Date:</b> June 29, 2016	
<b>Inspection Time:</b> 9:00 AM – 11:30 AM	
<b>EPA Inspector:</b> Kimberly McEathron, Physical Scientist, USEPA Region 2, (212) 637-4228	
<b>Borough Representatives:</b> Douglas Morgan, DPW Superintendent, Borough of Haledon, (973) 595-7766 ext 108; and Eric Lukasewicz, Borough of Haledon, (973) 595-7766	
<b>Site Information:</b>	Borough of Haledon 510 Belmont Avenue Haledon, New Jersey 07508  NJPDES Tracking ID No. NJP000145

**I. Background and Findings**

**Collection System:**

1. The Passaic Valley Sewerage Commission (PVSC) Wastewater Treatment Plant (WWTP), New Jersey Department of Environmental Protection (NJDEP) New Jersey Pollutant Discharge Elimination System (NJPDES) No. NJ0021016, is a large sized Publicly Owned Treatment Works (POTW).
2. The PVSC WWTP treats separate sanitary sewage from the Borough of Haledon (“Haledon” or “Borough”).
3. The PVSC and the Borough have an intermunicipal agreement dated June 1, 1917 regarding the conveyance and treatment of sanitary sewage.
4. Downstream from the Borough, the Borough’s sanitary sewage flows into the City of Paterson Combined Sewer System (CSS) around 400 West Broadway in the City of Paterson upstream from the PVSC owned and operated regulator structure. Sanitary sewage from the Borough mixed with combined sewage from the City of Paterson that overflows this regulator structure discharges to the Passaic River via the City of Paterson Curtis Place Combined Sewage Overflow (CSO) Outfall (001) (NJPDES No. NJ0105023), according to the 1976 Inflow and Infiltration Study conducted by Killam Associates, Inc.

5. The Borough and the City of Paterson have an intermunicipal agreement dated November 1, 1920 regarding the connection and conveyance of sanitary sewage.
6. According to the Borough representative, there are approximately 130 homes in the Borough of Prospect Park that connect into the Borough's Sanitary Sewer System (SSS).
7. The Borough representative was unaware of an intermunicipal agreement with the Borough of Prospect Park.
8. The total Borough population is approximately 9,000 residents with almost all residences connected to the sanitary sewer with the exception of a few septic systems, according to the Borough representative.
9. The Borough SSS consists of separate sanitary sewers with approximately 383 manholes.
10. According to the Borough representative, the Borough SSS was originally constructed in the 1930s and the majority of the pipes are composed of clay piping.
11. The Borough SSS maps provided at the time of the inspection were original drawings on fabric dated 1940.
12. According to the Borough representative, Mr. Allen Del Vecchio is the Licensed Operator of the collection system and has been for approximately five (5) years.

**Pump Stations:**

13. The Borough does not operate or maintain any pump stations in the SSS.

**Flow Metering and Billing:**

14. PVSC bills the Borough based on metered sanitary sewage flow rates on a quarterly basis. PVSC meters sanitary sewage flow from the Borough at the entry point into the City of Paterson system at 400 West Broadway.
15. The Borough does not own or operate flow meters within the SSS. The Borough has the ability to document flow based on flow rates provided by PVSC in its billing records but does not currently do so.
16. According to flow records provided by PVSC to EPA, the Borough averaged approximately 1 million gallons per day (MGD) between October 2014 and September 2015.

**SSO Discharges / Spills:**

17. The Borough representative was unable to recall or provide documentation of any Sanitary Sewer Overflows (SSOs) or spills within the Borough's collection system since he became the Borough's Department of Public Works (DPW) Superintendent four (4) years ago. At

the time of the inspection, the Borough representative located documentation of an SSO that occurred over four (4) years ago on August 28, 2011. According to the monthly operational report, a grease blockage in the sewer main on Haledon Avenue resulted in an SSO of approximately 2,000 gallons of sewage. According to the Borough representative, the catch basins on Haledon Avenue ultimately discharge to the Passaic River. A report documenting NJDEP notification was not located at the time of the inspection. However, this event is listed on the NJDEP database under number 11-08-28-0859-57.

18. At the time of the inspection, the Borough did not have a written procedure for the response and reporting of sanitary sewer overflows and spills. According to Borough representatives, in the event of an SSO or spill the Borough would call the Licensed Operator who would then contact NJDEP and the board of health.
19. Sanitary sewer system spills and overflows that enter the storm sewer system would ultimately discharge to the Passaic River via Molly Ann's Brook.

#### **Residential Complaints / Collection System Insurance:**

20. According to the Borough representative, the Borough receives and responds to approximately three (3) or four (4) residential complaints regarding sewage backups a year. According to the Borough representative, residential complaint responses are not documented and there is no written procedure for responding to residential complaints.
21. According to the Borough representative, the Borough maintains insurance for the collection system.
22. The Borough representative was unaware of any insurance claims made or paid as a result of SSOs or spills to affected property owners in the past five (5) years.

#### **Collection System Maintenance:**

23. At the time of the inspection, the Borough did not have a written Operation and Maintenance (O&M) Plan for the collection system.
24. According to the Borough representative, the Borough defers to the health department when oil and grease issues are identified affecting the collection system as the health department conducts regular inspections of restaurants.
25. According to the Borough representative, the Borough owns a jet truck for collection system maintenance, however, the jet truck has been inoperable for a few weeks and the Borough is currently evaluating the costs of purchasing a new truck. In the meantime, the Borough relies on the Borough of Hawthorne or an outside private contractor to conduct collection system maintenance, according to the Borough representative.
26. The Borough does not have a preventative maintenance program. According to Borough representatives, the Borough only cleans the SSS when a complaint is received. When the

Borough had use of its jet truck, known problem areas such as Preakness Avenue and Henry Street would be jetted on a quarterly basis, according to the Borough representative.

27. According to the Borough representative, the Borough has not sent monthly operational reports summarizing all events described in N.J.A.C. 7:10A-1.12(b) and the remedial action taken to PVSC for at least the past four (4) years.

#### **Inflow and Infiltration (I/I):**

28. On August 14, 1985, the Borough adopted Ordinance Chapter 321 Sewers which prohibits inflow to the sanitary sewer, including any groundwater, roof runoff and subsurface drainage.
29. According to documentation provided to EPA by PVSC, PVSC conducted an I/I study of the Borough's SSS in 1976. The infiltration analysis of the report identified that there were 80 MG/year of infiltration into the Borough's SSS. The Borough representative was not aware of any specific I/I related investigations or corrective actions taken since this 1976 report.
30. According to flow records provided by PVSC to EPA, the Borough averaged approximately 1 MGD between October 2014 and September 2015. According to these flow records, the Borough's peak flow in 2015 was an average of 1.59 MGD during the week ending on January 21, 2015. According to historical rain data, approximately 1.69 inches of rain occurred during that week.

#### **Municipal Separate Storm Sewer System (MS4):**

31. According to the Borough representative, the Borough's MS4 consists of approximately 260 to 265 catch basins which are maintained by the Department of Public Works.

## **II. Summary**

Based on the information provided during the SSS CEI, the Borough of Haledon SSS has experienced at least one (1) Sanitary Sewer Overflow (SSO) or spill in the collection system that resulted in a discharge to a waterbody in the past five (5) years. In addition, at the time of the inspection, EPA identified Potential Non-Compliance with the New Jersey Administrative Code (N.J.A.C.) requirements and Areas of Concern / Recommendations, see below for more details.

### **1. POTENTIAL N.J.A.C. NON-COMPLIANCE**

At the time of the inspection, the Borough of Haledon was unable to provide documentation demonstrating that the following N.J.A.C. requirements have been met by the Licensed Operator representing the Borough:



- a. The Borough of Haledon does not have written Operation and Maintenance (O&M) procedures for the collection system. The Borough's Licensed Operator is required by N.J.A.C. 7:10A-1.12(a)1 to develop and implement written O&M procedures as required for the collection system, which should include at a minimum the following items:
  - i. Routine maintenance procedures;
  - ii. Proper operation techniques for the SSS;
  - iii. Emergency Plan and Vulnerability Assessment;
  - iv. Preventative maintenance problem areas;
  - v. Available equipment and equipment in-house and access through a contractor;
  - vi. Responding to and reporting SSOs;
  - vii. Responding to and documenting residential complaints;
  - viii. Fats, Oils and Grease program; and
  - ix. Inspections and documentation.
- b. Monthly operational reports summarizing all events described in N.J.A.C. 7:10A-1.12(b) and the remedial action taken have not been sent to PVSC regarding the Borough of Haledon's SSS for at least the past four (4) years. The Borough's Licensed Operator must submit monthly reports to PVSC as required by N.J.A.C. 7:10A-1.12(b).

## 2. AREAS OF CONCERN / RECOMMENDATIONS

- a. The Borough relies on drawings of the SSS dated 1940. The Borough should consider updating and digitizing maps of the SSS to properly and more effectively operate and maintain the system.
- b. Based on flow records with higher wet weather flows compared to dry weather and the infiltration analysis conducted in 1976, there appear to be sources of Inflow and Infiltration (I/I) into the Borough's SSS. In addition, because of the age of the system and the clay construction, it is likely that the condition of the SSS has further deteriorated since the last evaluation in 1976. The Borough should consider routinely evaluating its system to identify and eliminate sources of I/I into the system. The process for this should be described in the Borough's written O&M procedures. In addition, the Borough should eliminate known sources of I/I to the SSS, including but not limited to the following:
  - i. According to Borough representatives, a SSS manhole lid located on West Clinton at Belmont Avenue has popped off on at least two (2) occasions in the past four (4) years during wet weather events. This indicates a source of I/I into the SSS resulting in high flows as well as indicates that a Sanitary Sewer Overflow occurred as well. These events have not been reported to the NJDEP as SSOs.
  - ii. According to Borough representatives, Cona Court is prone to flooding due to inadequate drainage resulting in a source of inflow into the SSS. The Borough should evaluate and implement measures to reduce flooding at this location and implement measures to eliminate inflow into the SSS at locations that flood such as the use of manhole inserts.
- b. The Borough should document residential complaints and responses to residential complaints regarding blockages or backups in the SSS. The procedure for this should be described in the Borough's written O&M procedures.

### III. Field Work

1. Manhole at 319 Belmont Avenue (1 photograph);



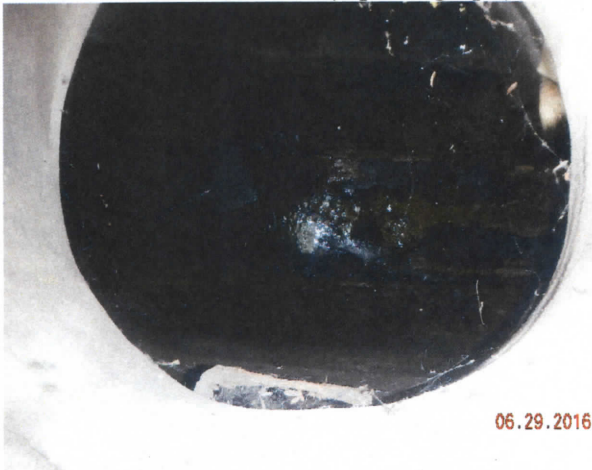
2. Manhole at 51 Roe Street (1 photograph);



3. Manhole at 27 Cona Court (1 photograph);



4. Manhole at 400 West Broadway, connection to City of Newark, PVSC monitoring station next to this location (1 photograph);



5. Manhole on West Clinton at Belmont Avenue and adjacent catch basin (2 photographs);



a)



b)